Please add the following new claims:

27. A manufacturing fixture for manufacturing a magnet using a magnet powder, the magnet including a north pole, a south pole and a first region axis, the first region axis extending between the north pole and the south pole, the manufacturing fixture comprising:

a fixture body including a fixture cavity that receives the magnet powder; and

an orientating device that creates a magnetic field having flux lines that extend through the fixture cavity, wherein a portion of the flux lines in the fixture cavity are angled relative to the first region axis when the magnet is in the fixture cavity.

28. The fixture of claim 27 wherein a portion of the flux lines in the fixture cavity extend transversely relative to the first region axis when the magnet is in the fixture cavity.

29. The fixture of claim 27 wherein the fixture cavity includes a first cavity segment, a second cavity segment and a cavity transition between the first cavity segment and the second cavity segment, wherein the flux lines near the cavity transition extend transversely to the first region axis when the magnet is in the fixture cavity.

30. The fixture of claim 29 wherein a portion of the flux lines in the fixture cavity are parallel with the first region axis when the magnet is in the fixture cavity.

31. The fixture of claim 30 wherein the flux lines in the cavity fixture near a cavity perimeter are angled relative to the first region axis when the magnet is in the fixture cavity.

32. The fixture of claim 27 wherein a portion of the flux lines in the fixture cavity are parallel with the first region axis when the magnet is in the fixture cavity.

33. The fixture of claim 27 wherein the flux lines in the cavity fixture near a cavity perimeter are angled relative to the first region axis when the magnet is in the fixture cavity.

34. A method for manufacturing a magnet using a magnet powder, the magnet including a north pole, a south pole and a first region axis which extends between the north pole and the south pole, the method comprising the step of:

providing a fixture cavity;

positioning the magnet powder in the fixture cavity; and

creating flux lines which extend through a portion of the fixture cavity, wherein a portion of the flux lines in the fixture cavity are angled relative to the first region axis.

35. The method of claim 34 wherein the step of creating flux lines includes the step of creating flux lines in the fixture cavity which extend substantially transversely to the first region axis.

36. The method of claim 34 wherein the step of providing a fixture cavity includes providing a fixture cavity having a first cavity segment, a second cavity segment and a cavity transition between the first cavity segment and the second cavity segment, and the step of creating flux lines includes creating flux lines near the transition which extend substantially transversely to the first region axis.

37. The method of claim 36 wherein the step of creating flux lines includes creating flux lines in the fixture cavity which are substantially parallel with the first region axis.

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